

*Please provide the following information, and submit to the NOAA DM Plan Repository.*

**Reference to Master DM Plan (if applicable)**

*As stated in Section IV, Requirement 1.3, DM Plans may be hierarchical. If this DM Plan inherits provisions from a higher-level DM Plan already submitted to the Repository, then this more-specific Plan only needs to provide information that differs from what was provided in the Master DM Plan.*

URL of higher-level DM Plan (if any) as submitted to DM Plan Repository:

**1. General Description of Data to be Managed****1.1. Name of the Data, data collection Project, or data-producing Program:**

Cooperative Tagging Center (CTC)

**1.2. Summary description of the data:**

The Cooperative Tagging Center (CTC) began as the Cooperative Game Fish Tagging Program (GTP) at Woods Hole Oceanographic Institute (WHOI) in 1954. The GTP was started by Dr. Frank J. Mather III with an initial focus on bluefin tuna. The program quickly expanded to include billfish in 1973 and became a joint effort between the National Marine Fisheries Service (NMFS) and WHOI. In 1980 the Miami Laboratory of the NMFS's Southeast Fisheries Science Center (SEFSC) took complete responsibility for the operation, funding, and maintenance of the GTP (CTC History). In 1992 the SEFSC changed the program name to the CTC due to an increase in tagging efforts for a wider variety of species, as well as an increase in tagging research needs and requests for tagging data. Constituents have tagged over 270,000 fish of nearly 80 different species, however, today the CTC focuses solely on the tagging of billfish and tuna in the Atlantic Ocean, Gulf of Mexico, and Caribbean Sea.

**1.3. Is this a one-time data collection, or an ongoing series of measurements?**

Ongoing series of measurements

**1.4. Actual or planned temporal coverage of the data:**

2011 to Present, 1954 to 2010

**1.5. Actual or planned geographic coverage of the data:**

W: -97, E: -64, N: 42, S: 3

CTS uses latitude and longitude to identify where the animal is released and recaptured. Most of the events occurs between latitude 3 - 42 N and 64 - 97 W.

It includes the Atlantic Ocean, Gulf of Mexico, and Caribbean Sea

W: -179, E: 179, N: 50, S: -50

Global

**1.6. Type(s) of data:**

*(e.g., digital numeric data, imagery, photographs, video, audio, database, tabular data, etc.)*  
Table (digital)

**1.7. Data collection method(s):**

*(e.g., satellite, airplane, unmanned aerial system, radar, weather station, moored buoy, research vessel, autonomous underwater vehicle, animal tagging, manual surveys, enforcement activities, numerical model, etc.)*

Instrument: N/A

Platform: N/A

Physical Collection / Fishing Gear: N/A

**1.8. If data are from a NOAA Observing System of Record, indicate name of system:**

**1.8.1. If data are from another observing system, please specify:**

**2. Point of Contact for this Data Management Plan (author or maintainer)**

**2.1. Name:**

Eric Orbesen

**2.2. Title:**

Metadata Contact

**2.3. Affiliation or facility:**

**2.4. E-mail address:**

Eric.Orbesen@noaa.gov

**2.5. Phone number:**

305-361-4253

**3. Responsible Party for Data Management**

*Program Managers, or their designee, shall be responsible for assuring the proper management of the data produced by their Program. Please indicate the responsible party below.*

**3.1. Name:**

Eric Orbesen

**3.2. Title:**

Data Steward

**4. Resources**

*Programs must identify resources within their own budget for managing the data they produce.*

**4.1. Have resources for management of these data been identified?**

No

**4.2. Approximate percentage of the budget for these data devoted to data management (specify percentage or "unknown"):**

0

**5. Data Lineage and Quality**

*NOAA has issued Information Quality Guidelines for ensuring and maximizing the quality, objectivity, utility, and integrity of information which it disseminates.*

**5.1. Processing workflow of the data from collection or acquisition to making it publicly accessible**

*(describe or provide URL of description):*

Process Steps:

- Data is inputted into an oracle database and yearly the data is examined using arcgis to identify suspect locations.

**5.1.1. If data at different stages of the workflow, or products derived from these data, are subject to a separate data management plan, provide reference to other plan:**

**5.2. Quality control procedures employed (describe or provide URL of description):**

Constituent based tagging programs are susceptible to both recording and input errors. We are currently scanning historical data cards and examining the database for suspect locations (on land, or in an unexpected location based on species preferences) and correcting any errors.

**6. Data Documentation**

*The EDMC Data Documentation Procedural Directive requires that NOAA data be well documented, specifies the use of ISO 19115 and related standards for documentation of new data, and provides links to resources and tools for metadata creation and validation.*

**6.1. Does metadata comply with EDMC Data Documentation directive?**

Yes

**6.1.1. If metadata are non-existent or non-compliant, please explain:**

**6.2. Name of organization or facility providing metadata hosting:**

NMFS Office of Science and Technology

**6.2.1. If service is needed for metadata hosting, please indicate:**

**6.3. URL of metadata folder or data catalog, if known:**

<https://inport.nmfs.noaa.gov/inport/item/5453>

**6.4. Process for producing and maintaining metadata**

*(describe or provide URL of description):*

Metadata produced and maintained in accordance with the NMFS Data Documentation Procedural Directive: <https://inport.nmfs.noaa.gov/inport/downloads/data-documentation-procedural-directive.pdf>

## 7. Data Access

*NAO 212-15 states that access to environmental data may only be restricted when distribution is explicitly limited by law, regulation, policy (such as those applicable to personally identifiable information or protected critical infrastructure information or proprietary trade information) or by security requirements. The EDMC Data Access Procedural Directive contains specific guidance, recommends the use of open-standard, interoperable, non-proprietary web services, provides information about resources and tools to enable data access, and includes a Waiver to be submitted to justify any approach other than full, unrestricted public access.*

### 7.1. Do these data comply with the Data Access directive?

No

#### 7.1.1. If the data are not to be made available to the public at all, or with limitations, has a Waiver (Appendix A of Data Access directive) been filed?

Yes

#### 7.1.2. If there are limitations to public data access, describe how data are protected from unauthorized access or disclosure:

Angler names and addresses

### 7.2. Name of organization of facility providing data access:

Southeast Fisheries Science Center

#### 7.2.1. If data hosting service is needed, please indicate:

No

#### 7.2.2. URL of data access service, if known:

[http://www.sefsc.noaa.gov/parr/bulk\\_downloads/5453.zip](http://www.sefsc.noaa.gov/parr/bulk_downloads/5453.zip)

### 7.3. Data access methods or services offered:

The data will be available from a public web server once an access methodology has been developed.

### 7.4. Approximate delay between data collection and dissemination:

365

#### 7.4.1. If delay is longer than latency of automated processing, indicate under what authority data access is delayed:

N/A

## 8. Data Preservation and Protection

*The NOAA Procedure for Scientific Records Appraisal and Archive Approval describes how to identify, appraise and decide what scientific records are to be preserved in a NOAA archive.*

**8.1. Actual or planned long-term data archive location:**

*(Specify NCEI-MD, NCEI-CO, NCEI-NC, NCEI-MS, World Data Center (WDC) facility, Other, To Be Determined, Unable to Archive, or No Archiving Intended)*

To Be Determined

**8.1.1. If World Data Center or Other, specify:****8.1.2. If To Be Determined, Unable to Archive or No Archiving Intended, explain:**

The archival process is currently under development.

**8.2. Data storage facility prior to being sent to an archive facility (if any):**

Southeast Fisheries Science Center - Miami, FL

Location Of The Main Office Of The South East Fisheries Science Center

**8.3. Approximate delay between data collection and submission to an archive facility:**

365

**8.4. How will the data be protected from accidental or malicious modification or deletion prior to receipt by the archive?**

*Discuss data back-up, disaster recovery/contingency planning, and off-site data storage relevant to the data collection*

The data resides on a secure government network requiring multi-factor authentication for network access.

**9. Additional Line Office or Staff Office Questions**

*Line and Staff Offices may extend this template by inserting additional questions in this section.*